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518772 -- Patent Information

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Title	Light-emitting device with drying film and manufacture method thereof by reacting oxygen with aluminum, magnesium or calcium on the surface of the opposed electrode								
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Abstract	<p>This invention relates to a light-emitting device with drying film and manufacture method thereof. On a substrate, a lower portion electrode, an organic emitting layer and an opposed electrode are formed sequentially. The parts are placed into a work chamber which has a feeding tunnel. Barium, Magnesium or Calcium is made facing the opposed electrode by the feeding tunnel and there is an adequate amount of oxygen in the feeding tunnel. The oxygen reacts with Barium, Magnesium or Calcium to form drying film of barium oxide, magnesium oxide or calcium oxide naturally on the surface of the opposed electrode when Barium, Magnesium or Calcium is going to form on the surface of the opposed electrode. The drying film can absorb certain moisture existing in isolation sealing layer</p>								

	so that the moisture can not affect or damage the organic layer. Therefore, occurrence of dark spot can be inhibited and work reliability of light-emitting device can be ensured.
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